

AGRO-CULTURE

LIQUID

FERTILIZERS

3055 W. M-21 \*P.O. Box 150  
St. Johns, MI 48879  
(989) 224-4117  
Toll Free 1-800-678-9029  
Administration Fax (989) 224-3940  
Distribution Fax (989) 227-0493

## AGRO-CULTURE LIQUID FERTILIZERS

### MATERIAL SAFETY DATA SHEET

#### A. GENERAL INFORMATION

**Trade name:** Calcium

**Chemical Name:** 4% CA-Calcium

**Address:** C.O.G. Marketers, LTD.  
3055 W. M-21  
St. Johns, MI 48879

**Contact:** Production Manager

**Phone:** (989) 224-4117 or 1-800-678-9029  
After Business Hours - (989) 224-2562

**Revised Date:** January 1, 2009

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#### **B. FIRST AID**

**Eye Contact:** Flush eyes immediately and thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

**Skin Contact:** Flush skin immediately and thoroughly with water. If irritation persists, get medical attention.

**Inhalation:** Generally not considered an inhalation hazard.

**Ingestion:** If conscious, immediately give large quantities of water and induce vomiting. Consult a physician.

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#### **C. HAZARDS INFORMATION - HEALTH**

**Inhalation:** If misty condition prevails, may irritate.

**Ingestion:** Large doses of ammonium salts may give diarrhea or diuresis. Low oral toxicity.

**Skin:** Low skin irritation potential. (pH 6.4 to 6.6)

**Eyes:** Low eye irritation potential. (pH 6.4 to 6.6)

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NB 807250 NRG

Unusual fire and explosion hazards:  
None

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**D. PRECAUTIONS-PROCEDURES**

**Fire extinguishing agents recommended:**

All standard agents are acceptable.

**Special fire fighting precautions:**

Due to possible evolution of ammonia, wear self contained breathing apparatus approved by Niosh. Use water spray to keep containers cool.

**Ventilation:** Unless heated to evolve ammonia or misted by heat, agitation, or spraying, natural ventilation should be adequate.

**Normal Handling:** Avoid breathing mist, if any should be formed. Minimize contact of liquid with eye, skin, and clothing. Use good personal hygiene and housekeeping.

**Storage:** Avoid using containers, pipes and fittings made of aluminum, mild steel, zinc-clad or copper bearing alloys.

**Spill or Leak:** Contain spills and maximize recovery. Mop up or pump up promptly into metal or plastic drum. (Caution should be exercised in the area of spilled material since Calcium can cause a slippery condition.)

**E. PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection:** Respirators are not required under normal ventilated conditions.

**Eyes and Face:** Safety glasses are recommended.

**Hands, Arms, & Body:** Rubber coated gloves and clothing which minimize skin exposure are recommended if there is prolonged or repeated exposure of skin to liquid.

**F. PHYSICAL DATA**

**Material is:** Liquid (at normal conditions.)

**Appearance & Odor:** Clear odorless liquid.

**Specific Gravity:** 1.104

**pH:** 6.4 - 6.6

**G. ENVIRONMENTAL**

**EPA Hazardous substance:** NO